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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/758,112	01/03/2001	Toufic Boubez	RSW920000102US1	7400
77242	7590	09/28/2010		
Gavin Law Offices, PLC 2500 Gaskins Road Suite B Richmond, VA 23238			EXAMINER HAMILTON, LALITA M	
			ART UNIT 3691	PAPER NUMBER
			MAIL DATE 09/28/2010	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 09/758,112	Applicant(s) BOUBEZ ET AL.	
	Examiner Lalita M. Hamilton	Art Unit 3691	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 04 August 2010.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4 and 6-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4 and 6-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Request for Continued Examination (RCE)

The RCE filed on August 4, 2010 has been processed. A non-final follows.

Prosecution Reopened

Prosecution on the merits of this application is reopened after the Decision by the Patent Board of Appeals and Interferences decided on July 12, 2010 on claims 1-31.

These claims are considered unpatentable for the reasons indicated below: New art has been found.

The rejections are set forth below.

To avoid abandonment of the application, appellant must exercise one of the following two options:

- (1) file a reply under 37 CFR 1.111 (if this Office action is non-final) or a reply under 37 CFR 1.113 (if this Office action is final); or,
- (2) request reinstatement of the appeal.

If reinstatement of the appeal is requested, such request must be accompanied by a supplemental appeal brief, but no new amendments, affidavits (37 CFR 1.130, 1.131 or 1.132) or other evidence are permitted. See 37 CFR 1.193(b)(2).

Status of Claims

Claims 1-4 and 6-30 remain pending. Claims 5 and 31 have been canceled.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

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A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-4 and 6-30 are rejected under 35 U.S.C. 102(e) as being anticipated by Cohn (2002/0010651).

Cohn discloses a method and corresponding product and apparatus for establishing connections comprising in a data processing system, of registering services in a taxonomy, comprising: receiving a registration request at the data processing system, the registration request including a service description and an identification of a category within the taxonomy in which the service is to be registered, determining if the service description should be registered in the identified category based on a canonical service description associated with the category; and registering the service description in the identified category using the data processing system if the determination is that the service description should be registered in the identified category and if it is determined that the service description should not be registered in the category, determining whether a request to add a new category is received (para.60-66 and fig.3a, 17a-b); wherein the canonical service description identifies minimum criteria for the category (para.60-66 and fig.3a, 17a-b); wherein registering the service description in the category includes storing the service description and an associated model description in a storage in association with the category (para.60-66 and fig.3a, 17a-b); wherein the method is implemented in a

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service broker within at least one network (para.60-66 and fig.3a, 17a-b); wherein if a request to add a new category is received, a determination is made as to whether to add the new category, and wherein if the new category is added, the service description is registered in association with the new category (para.60-66 and fig.3a, 17a-b); wherein the canonical service description includes information identifying minimum requirements of the category regarding one or more of security requirements, privacy requirements and communication protocol requirements (para.60-66 and fig.3a, 17a-b); wherein if it is determined that the service description should not be registered in the category, the method further comprises: searching the taxonomy for an alternate category in which the service description should be registered and registering the service description in the alternate category (para.60-66 and fig.3a, 17a-b); wherein searching the taxonomy for an alternate category includes searching one or more of sibling, parent and child categories of the identified category within a predetermined range of the identified category in the taxonomy (para.60-66 and fig.3a, 17a-b); wherein searching the taxonomy for an alternate category includes searching the taxonomy for a category in which the service description meets requirements of a canonical service description associated with the alternate category (para.60-66 and fig.3a, 17a-b); a computer program product in a computer readable medium for registering services in a taxonomy, comprising: first instructions for receiving a registration request, the registration request including a service description and an identification of a category within the taxonomy in which the service is to be registered; second instructions for determining if the service description should be registered in the

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identified category based on a canonical service description associated with the category and third instructions for registering the service description in the identified category if the determination is that the service description should be registered in the identified category, wherein the canonical service description identifies minimum criteria for the category (para.60-66 and fig.3a, 17a-b); wherein the third instructions for registering the service description in the category includes instructions for storing the service description and an associated model description in a storage in association with the category (para.60-66 and fig.3a, 17a-b); wherein the computer program product is executed in a service broker within at least one network (para.60-66 and fig.3a, 17a-b); instructions for determining whether a request to add a new category is received, if it is determined that the service description should not be registered in the category (para.60-66 and fig.3a, 17a-b); fifth instructions for determining whether to add the new category, if a request to add a new category is received, and sixth instructions for registering the service description in association with the new category, if the new category is added (para.60-66 and fig.3a, 17a-b); wherein the canonical service description includes information identifying minimum requirements of the category regarding one or more of security requirements, privacy requirements and communication protocol requirements (para.60-66 and fig.3a, 17a-b); instructions for searching the taxonomy for an alternate category in which the service description should be registered if the result of execution of the second instructions is that the service description should not be registered in the category and fifth instructions for registering the service description in the alternate category if an alternate category is

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identified by execution of the fourth instructions (para.60-66 and fig.3a, 17a-b); wherein the fourth instructions for searching the taxonomy for an alternate category includes instructions for searching one or more of sibling, parent and child categories of the identified category within a predetermined range of the identified category in the taxonomy (para.60-66 and fig.3a, 17a-b); wherein the fourth instructions for searching the taxonomy for an alternate category includes instructions for searching the taxonomy for a category in which the service description meets requirements of a canonical service description associated with the alternate category (para.60-66 and fig.3a, 17a-b); apparatus for registering services in a taxonomy, comprising: means for receiving a registration request, the registration request including a service description and an identification of a category within the taxonomy in which the service is to be registered, means for determining if the service description should be registered in the identified category based on a canonical service description associated with the category, and means for registering the service description in the identified category if the determination is that the service description should be registered in the identified category (para.60-66 and fig.3a, 17a-b); wherein the canonical service description identifies minimum criteria for the category (para.60-66 and fig.3a, 17a-b); wherein the means for registering the service description in the category includes means for storing the service description and an associated model description in a storage in association with the category (para.60-66 and fig.3a, 17a-b); wherein the apparatus is part of a service broker within at least one network (para.60-66 and fig.3a, 17a-b); means for determining whether a request to add a new category is received if it

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is determined that the service description should not be registered in the category (para.60-66 and fig.3a, 17a-b); means for determining whether to add the new category, if a request to add a new category is received, and means for registering the service description in association with the new category, if the new category is added (para.60-66 and fig.3a, 17a-b); wherein the canonical service description includes information identifying minimum requirements of the category regarding one or more of security requirements, privacy requirements and communication protocol requirements (para.60-66 and fig.3a, 17a-b); means for searching the taxonomy for an alternate category in which the service description should be registered if the means for determining indicates that the service description should not be registered in the category; and means for registering the service description in the alternate category if an alternate category is identified by the means for searching (para.60-66 and fig.3a, 17a-b); wherein the means for searching the taxonomy for an alternate category includes means for searching one or more of sibling, parent and child categories of the identified category within a predetermined range of the identified category in the taxonomy (para.60-66 and fig.3a, 17a-b); and wherein the means for searching the taxonomy for an alternate category includes means for searching the taxonomy for a category in which the service description meets requirements of a canonical service description associated with the alternate category (para.60-66 and fig.3a, 17a-b).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lalita M. Hamilton whose telephone number is (571) 272-6743. The examiner can normally be reached on Tuesday-Thursday (6:30-2:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kalinowski Alexander can be reached on (571) 272-6771. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Lalita M Hamilton/
Primary Examiner, Art Unit 3691